



VIENNA
DOCTORAL
SCHOOL
MATHEMATICS

PhD Colloquium

Giancarlo Castellano:

The Importance of Being Totally Disconnected

Starting with a naïve observation made by a middle-schooler, we shall present a very simple instance of a local-global principle and discuss how results of this kind can be used to tackle certain problems over the rationals and more general number fields. Finally, we aim to illustrate with several examples how this type of approach is both powerful and elegant, in spite of and partly even owing to the many oddities of local fields.

10. April,

15:00-15:45

SkyLounge, OMP-1